

MCST Mobile Communications Support Trailer



MEMA has a field response support trailer, named the Mobile Communications Support Trailer (MCST). The MCST is fully outfitted and is ready for deployment at a moments notice for responses and planned events where a mobile communications asset is needed. This trailer can be requested by **any** community or agency in the Commonwealth through either the MEMA Regional offices or MEMA Headquarters for use in emergencies, pre-planned events, and disasters. The MCST trailer is a specialized interoperable communications asset that can provide communications support to incident commanders dealing with disasters, incidents, or planned events, and help provide communications in areas with limited coverage by providing both on scene communications support and serve as a 're-trans' trailer for extending radio coverage. The trailer is specially equipped to provide interoperable communications in fringed or non-existent coverage areas of a disaster or event. The trailer also has Wi-Fi capability providing internet throughout the incident or event scene. In addition, the trailer has a unique 10' total height to allow for bridge/tunnel travel statewide.



THE MCST CONTAINS THE FOLLOWING EQUIPMENT

MOTOROLA MICOM HF RADIO (3-30MHz)

MOTOROLA CDM1550 LB RADIO (30-36MHz)

MOTOROLA CDM1550 LB RADIO (42-50MHz)

MOTOROLA XTL1500 VHF RADIO (136-174MHz)

MOTOROLA XTL1500 UHF RADIO (450-512MHz)

(2) MOTOROLA XTL2500 800MHz RADIOS

MOTOROLA XTL5000 VHF CONSOLETTTE (136-174MHz)

MOTOROLA XTL5000 UHF CONSOLETTTE (450-512MHz)

MOTOROLA XTL5000 800MHz CONSOLETTTE

HARRIS MASTER 3 VHF BASE STATION

MOTOROLA APX7500 VHF/7/800 RADIO

MOTOROLA APX7500 UHF/7/800 RADIO

MOTOROLA QUANTAR 8TAC REPEATER

(2) VERIZON AND (2) AT&T CELLULAR VOICE LINES

RAYTHEON/JPS ACU-1000 GATEWAY

(6) XTS2500 CACHE RADIOS VHF (136-174MHz)

(1) IRIDIUM SATELLITE VOICE LINE

(6) XTS2500 CACHE RADIOS 800MHz



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